

ABSTRACT

The present invention provides a voltage driven array having an array of discrete elements arranged in at least one row and plurality of columns. A resistive element has a first end and a second end provided with a first voltage and a second voltage respectively. The first voltage is different from the second voltage. Positions along the resistive element connect to each of the rows or columns such that each of the different positions along the resistive element supplies a different voltage to the respective row or column than a remainder of the positions.